10th Class 2019

Chemistry	Group-II	Paper-II
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- The colour of hydrogen iodide (H.I) is:

(a) Black (b) Purple
(c) Colourless √ (d) Blue

2- In the lime kiln, the reaction goes to completion because of:

$$CaCO_3 \rightarrow CaO + CO_2$$

(a) CaO is more stable than $CaCO_3$
(b) CaO is not dissociated
(c) Low temperature
(d) CO_2 escapes continuously √

3- If the value of pH solution is less than seven, it will be:

(a) A base (b) An alkali
(c) An acid √ (d) A neutral solution

4- Lactic acid is present in:

(a) Lemon (b) Orange
(c) Apple (d) Sour milk √

5- Pitch is black residue of:

(a) Coal gas (b) Coke
(c) Coal tar √ (d) Coal

6- **Dehydration of alcohols can be carried out with:**

(a) HCl (b) H_2SO_4 √

(c) KOH (d) NaOH

7- **Thousands of amino acids polymerize to form:**

(a) Vitamins (b) Carbohydrates

(c) Proteins √ (d) Lipids

8- **The most important oligosaccharide is:**

(a) Glucose (b) Sucrose √

(c) Maltose (d) Fructose

9- **About 99% atmosphere's mass lies within:**

(a) 35 kilometers (b) 30 kilometers √

(c) 15 kilometers (d) 11 kilometers

10- **Rapid growth of algae in water bodies is because of detergent having:**

(a) Sulphate salts

(b) Phosphate salts √

(c) Sulphonic acid salts

(d) Carbonate salts

11- **Which one of the following ion causes hardness in water:**

(a) Mg^{2+} √ (b) Al^{3+}

(c) Na^{+} (d) Fe^{2+}

12- **When $NaHCO_3$ is heated, it forms:**

(a) CaO (b) $CaCO_3$

(c) CO_2 √ (d) $Ca(OH)_2$